

JODLOWSKI, Jacek, mgr inż.

Methods of testing the dielectric strength parallel to thermosetting
laminations. Przegl elektrotechn 41 no.1:14-16 Ja '65.

L 47087-66 EWP(j)/T IJP(c) JAJ/RM
ACC NR: AP6017897 (A) SOURCE CODE: CZ/0078/65/000/012/0016/0016
AUTHOR: Rosenkranz, Hans-Georg (Doctor; Leuna); Jodl, Peter (Engineer; Leuna)
Ehrig, Willi (Leuna) 12
ORG: none B
TITLE: A method of manufacture synthetic resin flake. 16 CZ Pat. No. PV 1607-65, 15
Class 39
SOURCE: Vynalezky, no. 12, 1965, 16
TOPIC TAGS: resin, synthetic resin, resin flake
ABSTRACT: A method has been introduced for manufacturing flaked synthetic resins from resin melts containing suitable solvents. The adjustment of the growth of the molecules is achieved by lowering the ratio of the solvent to unreacted components, and by a secondary reaction at reduced pressure at temperatures ranging from 70 to 200C, with best results in the 120-150C range. The resin melt obtained by this process, still hot, is then continuously fed into a roller mill, with two rollers revolving in opposite direction, whereby the resin film formed on the roller as a result of cooling is being scraped off by cutting knives mounted on the stand. By appropriate
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ACC NR: AP6017897

adjustment of the roller temperature and by regulating their speed, the resin film solidifies before reaching the blades to such a degree that when being cut off the roller, the film breaks into flakes of the desired shape. One point of the patent is itemized. [KP]

SUB CODE: 11/ SUBM DATE: 16Mar64/

Card 2/2 mt

JODLOWSKI, Jan

So-called stony heart(pericarditis chronica calcificans) with
report of an operated case. Kardiologia Polska 1 no.1-2:88-97 1954.

1. Z III Kliniki Chorob Wewnętrznych we Wrocławiu. Kierownik:
prof. dr med. Edward Szczeklik.

(PERICARDITIS,
calcinea, surg.)

JODŁOWSKI, J.

KEDRA, Mieczysław; JODŁOWSKI, J.

Symptom complex of appendicitis and cholecystitis. Przegl. lek.,
Krakow 11 no.3:89-94 Mar 55.

1. Z III. klin. chor. wewn. A.M. we Wrocławiu; kier. prof. dr.
H.Szczeklik.

(APPENDICITIS, complications
cholecystitis, sympt. complex, diag. & ther.)
(CHOLECYSTITIS, complications
appendicitis, sympt. complex, diag. & ther.)

JODLOWSKI, Jan

A page from memoirs of a regional specialist - In Memoriam Prof. Dr.
Mieczyslaw Kubicz. Polski tygod. lek. 14 no.48:212; 30 Nov 59.
(OBITUARIES)

L 12364-63

EWI(1)/EWP(q)/EWI(m)/BDS

AFFTC/ASD

AF/JD/K

S/081/63/010/005/010/075

AUTHOR: Brusokman, A., Jodlowski, W., Orman, Z., Pradziński and Sarna, J. (2)

TITLE: A modified method of determining emission under a current in the electrolysis of aluminum with the aid of radioisotopes 19

PERIODICAL: Referativnyy zhurnal, Khimiya, no. 5, 1963, 82, abstract 5B589
(Pierwsze krajowe sympoz. zastosowan izotopow techn. Rogow, 8 - 12
czer, 1960, no. 47)

TEXT: In the radiometric determination of current efficiency of the electrolytic production of aluminum a sample of Al-Au alloy -- which had been previously activated in a nuclear reactor -- was introduced into the melt. The radioactivity of Au¹⁹⁸ was determined by means of a gamma-spectrometer. A satisfactory effectiveness in the method was attained when the concentration of Au was 0.8 mg per 1 ton of Al. Abstracted by B. Kaplan.

[Abstractor's note: Complete translation.]

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89660

P/011/60/031/007/001/001
B115/B207

3,1710(1641,1126,1127)

AUTHOR: Jodłowski, W.

TITLE: Radio observations of the Sun in Ondrzejów

PERIODICAL: Urania, v. 31, no. 7, 1960, 206-207

TEXT: This is the reproduction of a report published in *Říše Hvězd*, No. 1, 1960, p. 7. Ondrzejów [Abstracter's note: probably Jiudřichův] has an Institute of Astronomy of the Czechoslovakian Academy of Sciences, which deals, among other things, with radio observations of the Sun. A radio locator reflector 7.5 m in mirror diameter and having a surface of approximately 54 m² was the first radio telescope to be azimuthally mounted. The construction of the electronic equipment was started in 1953. Already on June 30, 1954 a partial solar eclipse was observed on the 56-cm wave (536 Mc/sec). Test work was commenced late in 1954 and continued during 1955. Sensitivity, stability, and a number of parameters were studied which are of importance when measuring the absolute value of radio radiation of the Sun. Permanent observations on the 56-cm wave were commenced in 1955. In the spring of 1954 the construction of an antenna of the second radio tele-

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B115/B207

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scope 7.5 m in diameter and with azimuthal mounting was started. The study of the electronics was taken up in 1956, and the first measurements on the 130 cm wave (231 Mc/sec) late in 1960. This wave facilitates the observation of phenomena in the corona of the Sun. In 1956 the installations on 56 and 130 cm were jointly housed in one chamber and the dipoles were adjusted vertically to each other in the mirror focus to avoid interaction. Thus, one reflector became superfluous, i.e., the most expensive part of the radio telescope. This reflector was used for observations of the Sun on the 37 cm wave (808 Mc/sec). The first observations on this wave were made in 1959. The former telescope (56 and 130 cm) follows the Sun automatically and electrically regulates the telescope on the 37-cm wave. The observations made in Ondrzejow played an important role during the International Geophysical Year. Radio observations comprise also the study of atmospheric noises. Chromospheric light flashes are accompanied by an emission of X-rays in the range of 2-8 Å, which, by entering the atmosphere, disturbs the normal conductivity of the ionosphere at an altitude of approximately 60 km. The increased ion concentration causes indirectly a fading. A reverse phenomenon may be observed in the range of the atmospheric noises to which long waves correspond. Thunderstorm discharges are the source of these

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noises. An apparatus which records such phenomena has been operating since 1957 on the 11-km wave (27 Mc/sec). A new, more sensitive apparatus has been put into operation in 1960. The research center aims at using the centimeter band down to the shortest waves on which radio observations are still possible, which will facilitate a more comprehensive study of the chromosphere. Recently an apparatus on the 3-cm wave (10,000 Mc/sec) was finished; its antenna is 1.7 m in diameter and is equatorially mounted. The construction of monochromatic radio telescopes proved to be difficult and uneconomical. The construction of a radio spectrograph is more convenient. The Ondrzejow research center started working with a radio spectrograph on a decimeter band of about 200 Mc/sec frequency which promises new and valuable results. [Abstracter's note: This is a nearly full translation from the original.] There is 1 Soviet-bloc reference. X

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JODLOWSKI, Z.										PROCESSES AND PROPERTIES INDEX									
S										25									
<p>Granulation of slag. Z. Jodlowski. (<i>Hutnik</i> (Warsaw), 1951. 18, June, 253-256). [In Polish]. The methods of production of granulated slags are discussed.—V. G.</p>																			
<p>ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION</p>																			

KURZYNSKI, Mieczyslaw, inz.; JABLONSKI, Jozef, inz.; JODLOWSKI, Zdzislaw, inz.
GRZYBOWSKI, Mieczyslaw, inz.; MAZURKIEWICZ, Mieczyslaw, inz.

Automatic purification of the blast-furnace gases with
Venturi nozzle series set. Gosp paliw 11 Special issue
no.(95):39-41 Ja '63.

1. Huta im. Bieruta.

STEMBERA, Z.K.; C.Sc.; JODR, J., C.Sc.

Contribution to the study of the "Oxygen debt" of a woman in labor
Cesk.gyn. 25[39] no.7:501-507 S '60.

1. Ustav pro peci o matku a dite, Praha-Podoli, reditel doc. dr.
M.Vojta.

(LABOR metab.)

(TISSUE METABOLISM in pregn.)

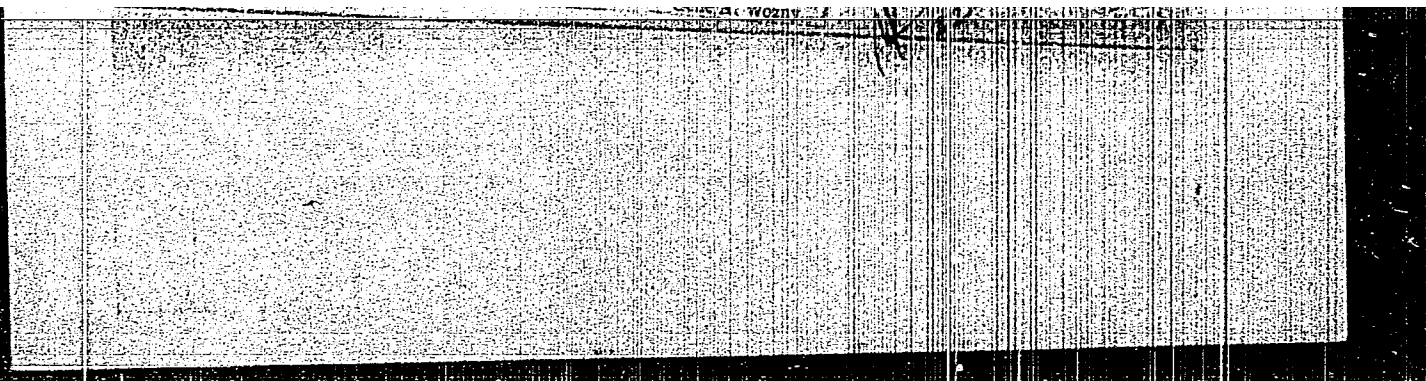
JODZEWICZ, W.

POLON

A simplified method of using an electrode of the second kind. W. Tomasz, W. Jodzewicz, W. Sochalski, and M. Horoszewicz (Warsaw, Poland). *Prace Inst. Chem.* 9, 560-4 (1953) (English summary). — By measuring the value of the potential of electrode with exactness not exceeding 10 mv. it is possible to use an electrode of the second kind, of simplified design, as a standard electrode in solutions not lower than 0.001N. This electrode consists of a metal covered with a layer of its insol. salt.

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619630006-0



APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619630006-0"

JODZEWICZ, W.

3671

063.037

Tomasi W., Jodzewicz W., Houwalt A. Obtaining Pure Water.

„Otrzymywanie bardzo czystej wody”. Roczniki Chemii (PAN), No. 3, 1954, pp. 489—500.

By applying the method previously described, worked out in the authors' Chair of Physical Chemistry of Warsaw Polytechnic, water was obtained, having the specific conductivity of $3.9 \cdot 10^{-4} \Omega^{-1} \text{cm}^{-1}$ at 18°C , — a product showing the lowest specific conductivity at this temperature of any so far determined.

CH

② m-t

TOMASSI, Witold; JODZEWICZ, Wanda

Studies on the application of the powder cathode with activated carbon in the process of electrolysis of aqueous solution of sodium chloride. I. Preliminary measurements. Przem chem 41 no.6:297-300 Je '62.

1. Katedra Chemii Fizycznej, Politechnika, Warszawa.

JOE, F.

12507. Reduction of acetone by dehydrogenation of isopropyl alcohol. N. Flaviu and F. Jof. Naja (Yugoslavia), *Chem. Zvesti*, 1954, 8 (1), 1-16. In order to study the activities in the production of acetone by dehydrogenation of isopropyl alcohol, a number of flow experiments were carried out by passing isopropyl alcohol vapours over different catalyst preparations. (Authors' abstract)

2

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23645
P/014/61/040/007/001/001
D243/D306

AUTHORS: Rosner Tadeusz, Konarzewski Arkadiusz and Joffe Zenon
TITLE: The study of mechanical and thermal properties of methyl
chloroacrylate and methylmethacrylate copolymers
PERIODICAL: Przemysł chemiczny v.40, no. 7, 1961, 394-396

TEXT: Polymethylmethacrylate is widely used as an organic glass but its great disadvantage is its low hardness and low softening temperature (90° - 105°). In order to eliminate these disadvantages, multifunctional monomers were copolymerized with the methylmethacrylate to give a net-like structure to the resulting copolymer. This gave copolymers with a higher softening temperature and a greater hardness. The addition of 7% methacrylic anhydride gave a softening temperature of 130° and a hardness of 50-62 (Rockwell's scale). The hardness was measured by applying a load of 60Kg on a ball of 3mm. diameter over a period of 15 sec. This, however, gives a brittle non-plastic product and such modifications are of little value. At the Katedra włókien sztucznych politechniki szczecińskiej (Department of Synthetic Fibers Stettin Polytechnic) the improvement of hardness and softening temperatures of polymethylmetha-

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The study of mechanical...

orylate was attempted by copolymerization with methyl α -chloroacrylate. The latter has a higher softening temperature and is harder, but tends to turn yellow on standing. Since methylmethacrylate does not turn yellow it was assumed that it would increase the stability of the final copolymer. It was found that methyl α -chloroacrylate is a more reactive monomer and should therefore, polymerize faster. The kinetics of this polymerization and the polymolecularity of the polymer were not studied. Polymerization was achieved in two stages: 1) Introductory polymerization resulting in a very viscous liquid; 2) total polymerization (after pouring into moulds). Optical studies have shown that the transparency of the final copolymer increases with the percentage of methyl α -chloroacrylate. The hardness of the final copolymer was determined by Brinell's method which consists of measuring the diameter of the indentation made by a ball (diameter 5mm.) on top of which a load of 250Kg was applied for 30 sec. The hardness was measured twice: 1) immediately after curing; 2) after additional heat treatment consisting of warming the specimens from 20° to 90° in 30 mins., keeping them at 90° for 3 hours and gently cooling them back to room temperature. The results obtained are given in tabulated form. The heat treated specimens, used above, were then used for

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23645

The study of mechanical...

P/014/61/040/007/001/001
D243/D306

The references to the English language publications read as follows: Pat.
USA 2308581; 2369520; 2143924. T. Alfrey, J. Bohrer, J polim. Sci., 5, 719
(1950). X

ASSOCIATION: Katedra włókien sztucznych politechniki szczecińskiej.
(Department of Synthetic Fibers Stettin Polytechnic)

SUBMITTED: January 20, 1961

Card4/4

P/014/61/C40/008/007/008
D233/D305

AUTHORS: Rosner, Tadeusz, Joffe, Zenon, and Szafko, Jerzy

TITLE: Co-polymerization of acrylonitrile with methyl
 α -chloroacrylate

PERIODICAL: Przemysł chemiczny, v. 40, no. 8, 1961, 460 - 463

TEXT: Co-polymerization of the above compounds was investigated to produce synthetic fibers with improved dyeing properties, in an effort to evolve a continuous process which would ensure consistency of the material. A short summary of western work is given. Co-polymerization of acrylonitrile (AN) with methyl α -chloroacrylate (ACAM) was carried out using 6.5 % aqueous solutions of the monomers; the co-polymers were precipitated, being insoluble in water. The reaction was redox-initiated, by sodium persulphate (100 parts), sodium metabisulphite (33 parts) and ferrous ammonium sulphate (1 part) and was conducted at pH 2.5, in a glass vessel, at $40 \pm 0.05^\circ\text{C}$, under nitrogen. The temperature was allowed to

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rise during the interaction and 0.91 % Na_2S was added to facilitate the coagulation of the co-polymer. AN, obtained from East Germany was treated with 0.5 % aqueous NaOH and then with water, dried over CaCl_2 and distilled twice; the fraction boiling at 21-22°C/60 mm Hg was collected. ACAM, prepared at the Katedra Włókien Sztucznych (Department of Synthetic Fibers) was purified by shaking with 5 % Na_2SO_3 , drying over Na_2SO_4 and distilling. The fraction boiling at 45-50°C/60 mm Hg was collected and used immediately. Na_2S ferrous ammonium sulphate and monomer solutions were first added to 655 ml of distilled water and $\text{Na}_2\text{S}_2\text{O}_8$ and $\text{Na}_2\text{S}_2\text{O}_5$ were only mixed in when the correct temperature had been reached, to make a total of 700 ml of the reacting mixture. The reaction was considered to start from the moment of the persulphate addition. The effects of monomer composition and time of copolymerization on the composition, true viscosity and the chloroform - soluble content of the copolymer and of the amount of initiator on the

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viscosity, have been studied. In initial experiments concentrations of the initiators were 0.63 % persulphate, 0.20 % metabisulphite and 0.05 % of the ferrous ammonium sulphate. The time of co-polymerization was 75 minutes and the upper limit of ACAM in the monomer mixture was kept at 15 %. Compositions of the co-polymers were found by determining N and Cl by the usual methods and the true viscosities were determined at 25°C by means of Ubbelohde's [Abstractor's note: Ubbelohde's] viscometer, extrapolating the experimental values to zero concentration. The chloroform soluble contents (poly-ACAM) of the copolymers were found to be the same as those of poly-AN, indicating that ACAM did not polymerize separately. The copolymers contained less ACAM than the starting monomer mixtures. The experimentally determined relationship between the monomer and copolymer ACAM contents disagreed with that calculated by the method of Skeist [Abstractor's note: Skeist's method not given]. The true viscosity of the copolymers decreased with increasing ACAM contents, from ~ 4 at 0.5 % ACAM to ~ 2.25 at 14 %. Since the data obtained did not agree with theoretical expectati-

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ons, a number of tests was carried out, studying the changes in the products after different periods of copolymerization. The initial ACAM contents were made 8.4 % (1st series) and 4.6 % (2nd series) and reactions were interrupted after 3, 5, 10, 15, 20, 30, 40, 50 and 75 minutes, to determine the extent of interaction, compositions, chloroform soluble contents and viscosities of the products. It was found that the degree of interaction rose rapidly to 80 % over 30 minutes (slightly faster for the 2nd series). The percentage of ACAM in the copolymers decreased parabolically with time of interaction, to ~6 % and ~3 % for the 1st and 2nd series respectively, after 90 minutes. The chloroform soluble contents decreased with increasing degree of interaction, showing that poly-ACAM or more probably an ACAM-rich copolymer is formed in the early stages of the reaction. Viscosity of the copolymers was found to increase with time, (to 3.17 and 3.25 for the 1st and 2nd series respectively after 75 minutes), and to be very sensitive to the amount of $\text{Na}_2\text{S}_2\text{O}_8$ used to initiate the reaction. After

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D233/D305

the development of a continuous copolymerization process, future work is visualized as the testing of spum copolymers for their mechanical properties and affinity to dyestuffs. There are 7 figures, 3 tables and 2 non-Soviet-bloc references. The references to the English-language publications read as follows: U.S. Pat. 2,671,072; 1954; Chem. Abstr., 1954 7314; T. Alfrey, J. polym. Sci. 5,719, 1950.

ASSOCIATION: Katedra włókien sztucznych, politechnika Szczecińska
(Department of Synthetic Fibers, Stettin Polytechnic)

SUBMITTED: February 21, 1961

Card 5/5

ROSNER, Tadeusz; JOFFE, Zenon; JASZCZAK, Eugeniusz

Yellowing of polyvinyl alcohol during the annealing
process. Polimery tworzyw wielk 8 no.7/8:291-293 J1-Ag'63.

1. Katedra Włókien Sztucznych, Politechnika, Szczecin.

DRUCKER, A.; FUHRMANN, Coloman, ing.; GOMOIU, Alex.; CALUGAREANU, Ad. ing;
SAVIDIS, C., ing.; TELEA, Gh.; BORCEA, N.; JOGAREANU, O.; RIZEA,
Nicolae; DUMITRESCU, Gheorghe.

Present problems of labor output rates. Problems econ 17 no.5:
157-160 My '64.

1. Director, "Victoria"-Calan Plant (for Drucker). 2. Head of
the Department of Labor Organization, "Victoria"-Calan Plant (for
Fuhrmann). 3. Director, "Steaua Rosie" Plant, Bucharest (for
Gomoiu). 4. Head of the Department of Production Organization,
"Steaua Rosie" Plant, Bucharest (for Calugareanu). 5. Director,
Medgidia Cement Works (for Savidis). 6. Head of the Department
of Labor Organization, Medgidia Cement Works (for Telea). 7.
Director, Enterprise of Electricity, Sibiu (for Borcea). 8. Head
of the Department of Labor Organization, Enterprise of Electricity,
Sibiu (for Jogareanu). 9. Director, "Carmen" State Industrial
Enterprise, Bucharest (for Rizea). 10. Head of the Department
of O.N.M., "Carmen" State Industrial Enterprise Bucharest (for
Dumitrescu).

JOGOVICS, L.

Latest volcanological and petrologic observations of the basalt mountains of the Tatika Group. p. 153.

A MAGYAR ALLAMI FODTANI INTEZET EVI JELENTESE. Budapest, Hungary, 1955/56
(Published 1959)

Monthly List of East European Accessions (EEAI) LC, VOL. 9, No. 2, Feb 1960
Uncl.

JOH, Josef, MUDr.

Introduction and discussion on the organization of work capacity determination. Pracovni lek. 11 no.1-2:84-85 Feb 59.

1. Prvni namestek predsedy Statniho uradu socialniho zabezpeceni.
(WORK,
capacity determ., organiz. in Czech. (Cz))

JOHAN, B.; SZABO, A.; KERESZTESY, E.

Combined fermentation. I. Trichothecium - Penicillium fermentation. Acta microb.hung. 6 no.4:315-326 '59.

1. Institute of Serum and Vaccine Production "Phylaxia", Budapest.
(FUNGI)
(PENICILLIUM)
(ANTIBIOTICS)

JOHAN, B.; SZABO SZUCS, J.; SZABO, Aranka

Studies on the technology of preparation of glucose-containing media. Acta microb.hung. 7 no.4:391-399 '60.

1. Institute of Serum and Vaccine Production "Phylaxia", Budapest.
(CULTURE MEDIA)
(GLUCOSE)
(RHIZOBIUM culture)

JOHAN, Bela (Kelenhegyi-ut 33, Budapest XI.); SZABO SZUCS, Janos (Szallas u.5-7, Budapest X.); SZABO, Aranka (Szallas u.5-7, Budapest I.)

Studies on the technology of preparation of glucose-containing media.
Acta microbiol Hung 7 no.4:391-399 '60. (EEAI 10:5)

1. Institute of Serum and Vaccine Production "Phylaxia," Budapest.
(GLUCOSE)

JOHAN, Bohuslav, inz. (Brno)

Woodworking machines at the 1963 Brno International Fair.
Drevo 18 no.10:367-370 0 '63.

JOHAN, Bohuslav, inz. (Brno.)

The new at the 6th Brno International Fair. Drevo 19 no.10:
376-378 0 '64.

JOHAN, Bohuslav, inz. (Brno)

The new at the 6th Brno International Fair. Drevo 19 no.11:419-422
N '64.

JOHAN, Bohuslav, inz. (Brno)

Contribution to industrial safety in the operation of circular
ripsaws. Drevo 19 no.9:328-333 S '64.

JOHAN, Bohuslav, inz.

Yugoslav woodworking machines. Drevo 20 no.1:14-16 Ja '65.

1. Vyroby nabytkarskeho prumyslu, Brno.

JOHAN, Francisca; ROSCA, Henrieta; RADULESCU, Olga

Chromatographic method for checking the purity of
p, p'-diphenylolpropane. Rev chimie Min petr 13
no.8:486-489 Ag '62.

JOHAN, Francisco

ROMANIA

JOHAN, Francisca; ZAHARIA, Monica.

Bucharest, Revista de Chimie, No 11-12, Nov-Dec 63, Vol 14,
pp 632-637

"Thin Layer Chromatography. Characteristics and Advantages."

JOHAN, Francisca; ZAHARIA, Monica

Thin layer chromatography. Rev chimie Min petr 14 no.11/12:
682-687 N-D'63.

JOHAN, Z.; PADERA, K.

Vanadinite finds in Bohemia. p. 187.
(CASOPIS Pro Mineralogii A Geologii, Vol. 2, no. 2, 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

JOHAN, Z.

"Mineragraphic investigation of the sedimentary copper ores from the neighborhood of Kostalov in the Semily County."

CASOPIS PRO MINERALOGII A GEOLOGII, Praha, Czechoslovakia, Vol. 4, No. 2, 1959.

Monthly list of EAST EUROPEAN ACCESSIONS INDEX (EEAI), Library of Congress, Vol. 8, No. 8, August, 1959.

Unclassified.

JOHAN

2

1. "Estimating the Volume of the Individual Minerals in the Volcanic Rocks," Geology, Vol. VII, No. 2, 1962.
2. "Estimating the Volume of the Individual Minerals in the Volcanic Rocks," Geology, Vol. VII, No. 2, 1962.
3. "Estimating the Volume of the Individual Minerals in the Volcanic Rocks," Geology, Vol. VII, No. 2, 1962.
4. "Estimating the Volume of the Individual Minerals in the Volcanic Rocks," Geology, Vol. VII, No. 2, 1962.
5. "Estimating the Volume of the Individual Minerals in the Volcanic Rocks," Geology, Vol. VII, No. 2, 1962.
6. "Estimating the Volume of the Individual Minerals in the Volcanic Rocks," Geology, Vol. VII, No. 2, 1962.
7. "Estimating the Volume of the Individual Minerals in the Volcanic Rocks," Geology, Vol. VII, No. 2, 1962.
8. "Estimating the Volume of the Individual Minerals in the Volcanic Rocks," Geology, Vol. VII, No. 2, 1962.
9. "Estimating the Volume of the Individual Minerals in the Volcanic Rocks," Geology, Vol. VII, No. 2, 1962.
10. "Estimating the Volume of the Individual Minerals in the Volcanic Rocks," Geology, Vol. VII, No. 2, 1962.
11. "Estimating the Volume of the Individual Minerals in the Volcanic Rocks," Geology, Vol. VII, No. 2, 1962.
12. "Estimating the Volume of the Individual Minerals in the Volcanic Rocks," Geology, Vol. VII, No. 2, 1962.

JOHAN, Z., promovany geolog; KASPAROVA, D., inz.

Importance of mineralogy for evaluation of the results of
magnesite technological research. Rudy 11 no.8:248-253 Ag '63.

1. Ustav pro vyzkum rud. Praha.

JOHANEK, T.

A brief survey of instruments for measuring the temperature in metallurgic plants. p.130.
(Hutnik, Vol. 7, No. 4, Apr. 1957, Praha, Czechoslovakia)

SC: Monthly List of East European Accessions (EEAL) IC. Vol. 6, No. 9, Sept. 1957. Uncl.

JOHANEK, T.

Calculation of helical torsion coil springs. Strojitrenstvi 13
no.9:Suppl.:Tabulky pro konstruktury 13 no.9:I/15-I/16 S '63.

Calculation of spiral springs from steel bands. I7/-I/18

1. Leninovy zavody Plzen.

JOHANEK, Tomas

Efficient control of the use of production equipment.
Stroj vyr 11 no. 12: 634 '63.

1. Zavody V.I. Lenina, Plzen.

JOHANEK, T.

~~Man and machine.~~ Strojirenstvi 14 no.9:697-700 S '64.

1. Zavody V.I. Lenina National Enterprise, Plzen.

JOHANIDES, Milan, inz.

"Production of wood particle boards in Sweden" by V.V. Amalicky.
Reviewed by Milan Johanides. Drevo 18 no. 12: 464 D '63.

JOHANIDES, Milan

Some problems of designing plants for hardboard production. Drevo
18 no.1:31 Ja '63.

JOHANIDES, Milan, inz.

Experience with the Bartrev assembly line operation in the Soviet Union. Drevo 18 no.6:233-234 Je '63.

1. Sdruzeni podniku drevarského prumyslu, Praha.

JOHANIDES, Milan, inz.

Wood export in 1963. Drevo 20 no.4:155-156 Ap '65.

JOHANIDES, V.

British Abst.
B III
Aug. 1953
Foods

(1)
✓
/ Osmophilic yeasts in sweetened fruit juices and jams. V. Johanides
(*Kemija u Ind.*, Zagreb, 1953, 1, 5--6).—The fermentation occurring
in some syrups and jams, despite high sugar concn. or dry matter,
respectively, are discussed. The causes of such fermentations are
explained and instructions are given for the avoidance of infection
and for the cure of already existing infections. O. POTTER.

JCHANIDES, V.

"Osmophilic yeasts in sweetened fruit juices and jams." p. 5. (KEMIJA U INDUSTRIJI,
Vol. 2, no. 1, 1953, Zagreb.)

SO: Monthly List of East European Accessions, Vol. 2, #8, Library of Congress
August, 1953, Uncl.

COUNTRY : Yugoslavia
CATEGORY : Microbiology

ABS. JOUR. : Ref Zhur-Biologiya, No.4, 1959, No. 14785

AUTHOR : Johanides, Vera
INST. :

TITLE : Antibacterial Activity of Yeast.

ORIG. PUB. : Glasnik biol. sek. Hrvatsko prirodosl.
društvo, 1953 (1955), Ser. 2B, 7, 192-195

ABSTRACT : Most of the studied strains of yeast inhibited growth of Gram-positive bacteria. There was no antibacterial activity observed in respect to Gram-negative bacteria by the diffusion method.

CARD: 1/1

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"Spoilage of fruits caused by microorganisms."

Kemija U Industriji, Zagreb, Vol 2, No 12, 1953, p. 381

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

JOHANIDES, V.

"Sanitation in the fruit industry."

Kemija U Industriji, Zagreb, Vol 3, No 1, Jan 1954, p. 19

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

JOHANIDES, V.

"Technical development in the beer industry." p. 73, (KEMIJA U INDUSTRIJI, Vol. 3, No. 2/3, Feb./ Mar. 1954, Zagreb, Yugoslavia)

SO: Monthly List of East European Accessions, (EEAL), IC, Vol. 3, No. 12, Dec. 1954, Uncl.

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YUGO.

The Nathan procedure of beer manufacture. Vera
Johanides (Univ. Zagreb, Yugoslavia). *Kemijski list*
trif (Zagreb) 3, 335-8 (1954).—A review with 8 references.
N. Flajš.

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Fermentation as a chemical process. p. 201.
(Kemija u industriji, Vol. 5, No. 9, Sept. 1956, Zagreb, Yugoslavia)

SO: Monthly List of East European Accessions (REAL) Lc. Vol. 6, No. 8, Aug 1957. Uncl.

YUG/2-59-4-2/16

5(3)

AUTHORS: Johanides, V. and Alačević-Grlić, M.

TITLE: Preparing Heterokaryons from Various Strains of *Aspergillus Niger* in Order to Improve Their Amylolytic Properties (Priredjivanje heterokariona iz različitih sojeva *Aspergillus niger* u cilju poboljšanja njihove amilolitične aktivnosti)

PERIODICAL: Kemija u industriji, 1959, Nr 4, pp 91-94 (YUG)

ABSTRACT: The article describes various internationally known tests which were made with 25 strains of *Aspergillus niger* with the purpose of obtaining heterokaryons with the highest amylolytic properties to be used for commercial conversion of starch in alcohol distilleries. The types of *Aspergillus niger* used in the tests were taken from the collection of the Zavod za mikrobiologiju Tehnološkog fakulteta (Microbiologic Institute of the Technological [Univ] Dept.) in Zagreb. The tests produced 3

Card 1/2

YUG/2-59-4-2/16

Preparing Heterokaryons from Various Strains of *Aspergillus Niger* in
Order to Improve Their Amylolytic Properties

types of highly active amylolytic heterokaryons, two
of which, NRRL 337, of USA origin and 439, of Japanese
origin, when paired off in a submerged culture, pro-
duced the highest number of amylolytic enzymes. There
are 2 tables and 32 references of which 27 are English
and 5 German.

ASSOCIATION: Zavod za mikrobiologiju - Tehnološki fakultet (Micro-
biological Institute of the Technological [Univ.] Dept.),
Zagreb.

Card 2/2

KALACEVIC, Ivka, ing.; JOHANIDES, Vera, dr.,ing.

The state of microflora in some of our fruit and vegetable processing industries. Kem ind 9 no.8:207-216 Ag '60.

1. Zavod za prehrambenu industriju Zagreb.

JOHANIDES, V.; DRAZIC, Z.

Induced mutants of *Aspergillus niger* in the production of citric acid. *Kemija u industriji* 11 no.8:471-475 '62.

1. Zavod za mikrobiologiju i tehnologiju antibiotika, Tehnoloski fakultet, Zagreb.

JOHANIDES, V.; SALOPEK, D.

Methods of microbiological yeast control in fermentation industries. Kem ind 12 no.6:425-430 Je '63.

1. Zavod za mikrobiologiju, Tehnoloski fakultet, Zagreb.

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The 220 kv transformers for the Bratsk Water-Power Plant.
El tech obzor 52 no.5:268-269 My '63.

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"New Technology and Progressive Organizational Principles in Mining Ore; Notes on Experiences of a Soviet Stakhanovite, Comrade S. G. Golubar." p. 27, Praha, Vol. 2, no. 2, Feb. 1954.

SO: East European Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress

JOHANIS, M.

Soviet mining combines for low-ceiling crosscuts. p. 501.
SOVETSKA VEDA: HORNICTVI, Prague, Vol. 3, no. 4, 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6,
June 1956, Uncl.

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Repair and maintenance of electromechanical equipment in the Soviet Union. p. 45.
UHLI, Praha, Vol. 5, no. 2, Feb. 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

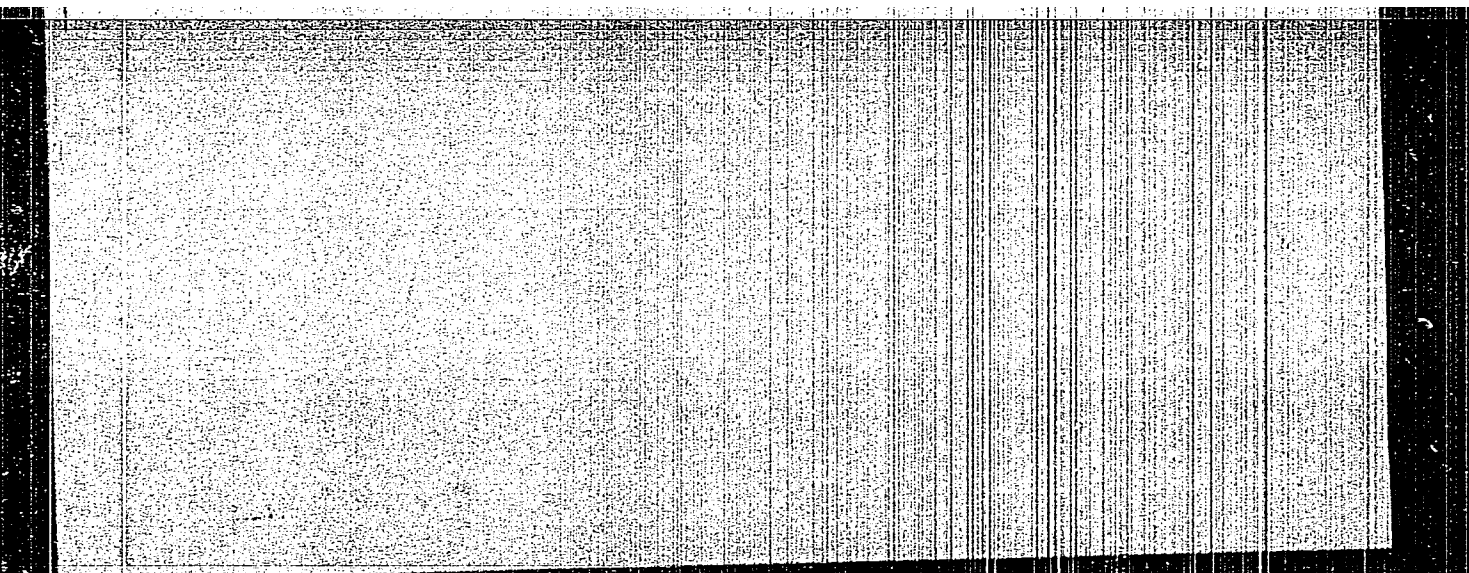
JOHANNIS, H

Our mining industry at the exposition in Moscow. p. 426. UMLI.
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SOURCE: East European Accessions list, Vol. 5, no. 9, September 1956

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p. 1 (Budownictwo Przemyslowe) Vol. 4 no. 6, June 1955., Warszawa, Poland

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1 , JAN. 1958

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Therapy of bronchial asthma with infiltration of the cervical
vago-sympathetic nerve according to Visnevsky. Cas. lek. cesk.
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klinika akademika J. Divise.

(ASTHMA, therapy
vago-sympathetic nerve infiltration, Visnevsky's
method.)

(NERVES VAGUS,
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1. II interni klinika fakulty vseobecneho lekarstvi university
Karlovy v Praze, prednosta prof. Dr. Frantisek Havel. L. K. II.
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(STOMACH, physiology

stimulation of mechanical & chem. receptors in measurement of
secretion & motility in various dis. (Cz))

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secretion, measurement in various dis. by stimulation of
mechanical & chem. receptors of stomach (Cz))

VALENTOVA, Vlasta; TEICHMANN, Vladimir; JOHANOVSKA, Kveta; KRALOVA, Libuse;
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v Praze, prednosta prof. Dr. Frantisek Herles. VI. V., II. interni
klinika, U nemocnice 2, Praha 2.

(BLOOD PRESSURE, physiology

changes caused by mechanical stimulation of stomach in hyper-
tensive patients (Cz))

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(HYPERTENSION, physiology

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(Cz))

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20 June 58.

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SOVA, Josef; JOHANOVSKA, Kveta; DVORAKOVA, Hana

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Karlovy v Praze, prednosta prof. dr. Fr. Herles.
(MYOCARDIAL INFARCT) (PERICARDITIS)
(PLEURISY) (PULMONARY EDEMA)
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Dynamic heart reaction to Master's work load. Sborn.lek.66 no.2:
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Effect of disorders of mineral metabolism on the chronometry of heart systole. Sborn. lek. 67 no.1:7-17 Ja '65

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121-124 16 JI'65.

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CZECHOSLOVAKIA

JOHANOVSKA, K.; FURST, O.; KREJCI, F.; LESNY, I.; PANOS, J.;
2nd Internal Clinic, Fac. of Gen. Med., Charles Univ. (II. Interni
Klinika Fak. Vseob. Lek. KU), Prague, Head (Prednosta)
Prof Dr F. HERLES; 2nd Internal Clinic, Faculty of Pediatrics,
Charles University (II. Interni Klinika Fak. Detskeho Lek. KU),
Prague, Head (Prednosta) Prof Dr R. FOIT; Neurological Clinic
Medical Faculty of Hygiene, Charles University (Neurologicka
Klinika Lek. Fak. Hygienicke KU), Prague, Head (Prednosta) Prof
Dr Z. MACEK; Neurological Clinic Fac. of Gen. Medicine, Charles
University (Neurologicka Klinika Fak. Vseob. Lek. KU), Prague,
Head (Prednosta) Member of Academy K. HENNER.

"Electroencephalograms in Acquired Cardiopathies."

Prague, Casopis Lekaru Ceskych, Vol 105, No 47, 25 Nov 66, p 1290

Abstract [Authors' English summary modified]: EEG examinations
of 56 patients suffering from acquired cardiac defects were made;
19 patients suffered from ischemic heart disease, 37 from valvular
disease. 12 of the first category and 20 of the second had nor-
mal EEG tracings. 5 in the 1st and 17 in the 2nd group showed a
mild generalized abnormality. 2 patients with ischemic heart dis-
ease had grossly abnormal EEG. No references.

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(FECES,

Salmonella antigen in, precipitation technic)

(SALMONELLA,

antigen in feces, precipitation technic)

(ANTIGENS AND ANTIBODIES,

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(MICROCOCCAL INFECTIONS, in infant and child,
vacc.)
(VACCINES AND VACCINATION,
micrococcal infect. in child.)

JOHANOVSKY, J.

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T-4

Abs Jour : Ref Zhur - Biol., No 1, 1958, 3053

Author : Johanovsky, J.

Inst :

Title : Relationship Between Immunity and Sensitization in Experimental Staphylococcal Infection. I. Alterations in the Body's Reactivity to Immunization with Staphylococcus Anatoxin and After Staphylococcal Infections.

Orig Pub : Casop. lekaru ceskych, 1956, 95, No 17, 455-459

Abstract : There was an increased allergic skin sensitivity in rabbits immunized with staphylococcus anatoxin and then subjected to an experimental staphylococcal infection. Leucocytes from these rabbits, which had been washed to remove serum antibodies, possessed increased reactivity to Staphylococci, and their erythrocytes had an increased resistance to hemolysis by the staphylo toxin.

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1. Institute of Biology of the Czechoslovak Academy of Science,
Department of Microbiology, Prague-Director: Academician
I. Malek.

(MICROCOCCAL INFECTIONS, exper.

relation of imun. to allergy in rabbit)

(ALLERGY, in various dis.

Micrococcal infect., relation to immun.)

(IMMUNITY, in various dis.

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Preparation of staphylococcal toxin and anatoxin in cultures
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(MICROCOCCLUS PYOGENES, immunology,

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(PYODERMA, in infant and child,

micrococcal in newborn, prev. with anatoxin (Cz))

(INFANT, NEWBORN, diseases,

micrococcal pyoderma, prev. with anatoxin (Cz))

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The problem of so-called agglutination of staphylococci with antitoxic serum; experimental studies related to the discussion of Dr. Lukas and Dr. Wagner. Cesk. epidem. mikrob. imun. 5 no.4: 213-220 July 56.

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(MICROCOCCUS PYOGENES, immunology,
agglut. with antitoxic serum (Cs))
(AGGLUTINATION,
of Micrococcus pyogenes, with antitoxic serum (Cs))
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agglut. of micrococcus pyogenes with antitoxic serum (Cs))

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Vol. 66, No. 7, 1956.

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SCIENCE

Praha, Czechoslovakia

So: East European Accession, Vol. 6, No. 3, March 1957

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Relationship of immunity and sensitivity in experimental
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(STAPHYLOCOCCAL INFECTIONS, experimental
relation of immunity & sensitivity in rabbits. (Cz))

EXCERPTA MEDICA Sec.4 Vol.11/5 Microbiology, etc. May 1958

JOHANOVSKÝ J.

1127. THE SIGNIFICANCE OF THE CLUMPING FACTOR FOR THE PATHOGENICITY OF STAPHYLOCOCCI - Význam shlukovacího faktoru pro choroboplodnost stafylokoků - Johanovský J. Mikrobiol. Odd., Biol. Úst., Československá Akad. věd, Praha - CSL. MIKROBIOL. 1957, 2/2 (90-95) Tables 6

In intraperitoneal infection in mice and in intradermal infection in rabbits it was found that staphylococci forming the clumping factor are more pathogenic than strains without this substance, although toxin and enzyme formation was equal in both groups. Infection with strains forming the clumping factor is accompanied by greater multiplication of micro-organisms in the tissues.

JOHANOVSKY, J

EXCERPTA MEDICA Sec.4 Vol.11/4 Med.Microb. etc. April 58

832. THE SIGNIFICANCE OF DELTA LYSIN FOR PATHOGENICITY OF STAPHYLOCOCCI - Význam δ and lysinu pro choroboplodnost stafylokoků - Johanovský J. Mikrobiol. Odd., Biol. Ust., Československá Akad.Ved., Praha - CSL MIKROBIOL. 1957, 2/3 (151-156) Tables 4
- The use of staphylococcal antitoxin in the therapy of experimental infection is effective only against infections with staphylococci that form α -toxin. When using antitoxin in infections with strains that form α - + δ -lysin it is the δ -lysin which determines the outcome of the infection. These experiments were carried out on mice, guinea-pigs and rabbits, using 18 strains with various degree of δ -lysin formation.